

CONFIDENTIALWashington 9, D.C.
June 27, 1955

25X1

Fisher Scientific Company
Chemical Manufacturing Division
P. O. Box 357
Fairlawn, New Jersey

Dear Sirs:

I am doing a summer thesis on the long-term storage and preservation of medicines and volatile liquids. The ordinary glass bottle with plastic screw-on cap and cardboard washer appears to be one of the most common containers in use for packaging, shipping, and storing such items. Unfortunately, the seal is not always adequate to prevent the escape of highly volatile liquids, especially during air shipment or at high temperatures.

Recently I saw a Fisher reagent bottle containing resublimed iodine crystals (Catalogue No. 1-37). This bottle was fitted with the usual cardboard-lined plastic screw-on cap; but in addition, it had a brown, wax-like coating covering the cap and neck of the bottle. It appeared to have been applied in liquid form, as though the closed bottle had been inverted and dipped in the molten wax or plastic.

I am interested in learning more about this coating for possible use with other items. I would very much appreciate it if you could supply me with the physical properties of this plastic, especially composition, water vapor transmission rate and possible contamination of any chemicals, drugs or medicines. I would also like to know if there is a Federal, JAN or MIL specification covering this material.

Sincerely yours,

25X1

ORIGINAL CL BY 23 59 79
☐ DECL ☒ REVW ON 1/07/2010
 EXT BYND 6 YRS BY SAME
 REASON 3 d (3)

005632

DOC <u>76</u>	REV DATE <u>1 July 80</u>	BY <u>057447</u>
OCIO COMP <u>056</u>	OPI <u>56</u>	TYPE <u>01</u>
OCIO CLASS <u>M</u>	PAGES <u>1</u>	REV CLASS
JUST	NEXT REV	AUTOM IN ID-2

CONFIDENTIAL